MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

March, 1946

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MARCH 1946

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.6	62.8	62.1	63.5	17.2	12.2	14.8	17.2	13.2	15.1
2	58.4	55.6	56.6	56.9	20.4	13.6	14.1	19.3	17.1	16.8
3	9.8	60.1	60.8	60.2	19.3	11.7	16.8	18.9	13.8	16.5
4	60.4	57.8	56.9	58.4	21.6	14.4	14.5	17.7	15.5	15.9
5	53.1	5.9	7.0	5.3	22.3	12.2	21.5	16.9	15.4	18.0
6	57.5	56.7	55.9	56.7	22.3	9.1	14.6	17.0	11.3	14.3
7	7.1	7.3	9.0	7.8	18.2	11.2	13.4	17.8	12.9	14.7
8	9.8	9.0	9.8	9.5	18.8	11.2	14.9	18.2	16.0	16.4
9	9.8	8.9	9.5	9.4	21.0	14.7	16.0	20.7	15.6	17.4
10	7.8	4.3	5.4	5.8	25.6	16.7	18.4	25.6	17.1	20.4
11	57.4	57.7	58.4	57.8	19.7	11.6	17.8	18.9	15.2	17.3
12	6.7	5.7	5.9	6.1	17.9	9.9	14.9	15.4	11.4	13.9
13	6.7	6.3	8.4	7.1	17.4	9.3	12.1	16.7	10.9	13.2
14	60.3	60.2	61.6	60.7	17.6	11.1	13.4	17.2	12.5	14.4
15	3.7	2.5	1.4	2.5	18.1	11.2	15.2	17.8	12.7	15.2
16	58.4	56.0	57.9	57.4	22.0	14.0	16.2	20.2	14.9	17.1
17	7.3	6.3	7.3	7.0	19.8	11.1	17.0	19.4	14.7	17.0
18	8.8	9.0	60.2	9.3	17.3	11.8	14.9	16.2	13.1	14.7
19	61.7	62.1	2.6	62.1	17.7	10.9	13.9	17.6	14.0	15.2
20	3.4	3.3	4.2	3.6	18.2	10.6	15.0	16.7	11.6	14.4
21	65.9	65.8	66.8	66.2	18.2	11.1	14.8	17.9	13.9	15.5
22	7.8	6.9	5.8	6.8	18.8	12.8	16.1	18.3	14.4	16.3
23	4.1	3.8	4.4	4.1	20.0	11.6	16.1	19.9	14.3	16.8
24	5.1	3.9	4.3	4.4	18.4	11.9	13.9	17.3	13.9	15.0
25	5.4	5.6	5.9	5.6	20.0	11.8	10.6	19.6	15.0	15.1
26	66.4	64.4	64.1	65.0	19.9	12.6	17.1	19.8	14.5	17.1
27	3.1	2.1	2.5	2.6	20.7	12.8	17.4	20.5	14.3	17.4
28	0.6	59.5	57.4	59.2	19.5	14.9	16.5	21.8	17.6	18.6
29	59.5	61.3	63.3	61.4	17.0	10.4	15.6	16.6	11.6	14.6
30	46.5	3.9	3.3	3.9	17.2	10.6	12.8	16.3	13.4	14.2
31	1.7	1.5	2.6	1.9	17.2	10.1	13.9	16.9	13.9	14.9
	60.89	60.20	60.68	60.58	19.33	11.90	15.30	18.39	14.05	15.91

Barometer, range for month 753.1 — 767.8 mm.
,, 62-yr. average for month 761.21 mm.
Thermometer, range for month 9.1° — 25.6°C
,, 62-yr. average for month 16.21° C.
Rain, total for month 142.98 m.m.
,, 62-yr. average for month 89.15 m.m.
,, Total, Sept. 1st. to end of month 792.73 mm.
,, 62-yr. average, Sept. 1st. to end of month 804.67 mm.

MARCH 1946

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	8.5	8.9	8.8	8.7	67	62	78	69	9.8	294.0	
2	9.1	8.4	8.5	8.7	78	50	59	62	9.7	365.0	
3	10.4	9.7	9.1	9.7	73	60	77	70	9.3	224.0	
4	8.0	10.8	9.8	9.5	66	72	75	71	9.0	298.0	
5	8.6	10.5	8.8	9.3	45	74	68	62	6.2	563.0	
6	9.2	9.4	8.5	9.0	74	66	85	75	2.3	729.0	17.53
7	8.1	9.8	8.6	8.8	70	65	78	71	10.9	284.0	9.65
8	8.9	9.0	9.1	9.0	70	58	68	65	10.6	232.0	2.29
9	9.1	11.3	7.7	9.4	68	62	59	63	9.9	266.0	
10	10.0	9.9	12.4	10 8	64	40	85	63	6.3	575.0	1.27
11	11.6	13.0	10.3	11.6	77	80	81	79	8.2	436.0	
12	8.8	10 2	8.9	9.3	70	78	89	79	5.8	470.0	3.56
13	8.9	10.6	9.1	9.5	85	75	93	84	8.8	510.0	25.65
14	9.1	0.6	8.9	9.5	79	73	82	78	3.8	568.0	13.46
15	9.0	10.3	8.9	9.4	70	68	81	73	10.3	460.0	
16	9.8	11.9	10.5	10.7	72	67	84	74	5.1	491.0	
17	10.7	13.1	11.4	11.7	75	78	92	82	7.4	613.0	1.27
18	10.1	11.0	9.5	10.2	80	80	86	82	2.3	512.0	22.86
19	10.4	11.7	10 0	10.7	88	78	84	83	7.3	716.0	7.11
20	10.1	10.7	9.0	9.9	80	75	88	81	5.1	399.0	6.35
21	9.8	11.6	9.4	10.3	77	76	79	77	6.8	491.0	4.57
22	10.1	11.3	10.1	10 5	75	72	82	86	8.8	672.0	2.27
23	10.5	12.9	10.8	11.4	78	75	88	80	6.6	460.0	3.30
24	10.4	11.0	10.0	10.5	88	75	85	83	7.6	285.0	5.08
25	10.2	12.5	10.6	11.1	73	74	84	77	10.4	406.0	
26	10.7	12.4	11.8	11.6	74	72	96	81	9.7	315.0	
27	11.0	13.1	11.6	11.9	74	73	95	81	9.8	270.0	
28	11.7	14.9	11 0	12.5	84	76	73	78	8.1	406.0	
29	10.7	9.1	9.2	9.7	81	65	91	79	2.1	784.0	3.05
30	9.5	10.9	9.9	10.1	87	79	86	84	3.8	555.0	7.62
31	8.8	12.6	10.7	10.7	74	71	91	79	6.4	827.0	6.09
	9.73	11.06	9.77	10.18	74.7	69.9	82.0	75.8	7.36	466.96	4.61

Height of Barometer above sea level: 33.7 meters

„ „ Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equals G.C.T.

62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu	0	2cu	3.7	1e	1sw	1sw	light	Sky hazy at p.m.
2	10cu	7cu	0	5.7	0	3w	2sw	,,	
3	5cu-st	0	0	1.7	2sw	2sw	0	slight	
4	8cu-st	2cu-st	0	3.3	1e	1se	0	,,	D. a.m.
5	10cu	10cu	0	6.7	3sw	3sw	1sw	,,	Tr. 10 a.m.
6	8cu	10cu-ni	10ni	9.3	2sw	3sw	4sw	mod.	Snowfall & lighting p.m.
7	0	0	0	0.0	1s	1w	1w	light	
8	0	0	5cu	1.7	2s	1w	1sw	slight	
9	8st	0	0	2.7	0	1ne	0	light	Sky hazy at noon.
10	10cu	10cu	10st	10.0	3sw	2sw	1sw	,,	
11	0	10cu	7cu	5.7	2sw	3sw	1s	slight	
12	2cu	10ni	7ni	6.3	2sw	1sw	1w	,,	F. a.m.
13	2cu	5cu	10ni	5.7	2se	2sw	1sw	,,	
14	10ni	6cu-ni	8cu	8.0	1sw	1sw	0	,,	
15	4cu	4ci-cu	1ci	3.0	1sw	2w	1w	,,	
16	0	10cu	0	3.3	1e	4sw	1w	light	
17	10cu	4cu	10ni	8.0	2sw	2sw	1sw	slight	Tr. a.m.
18	5cu	9cu-ni	10ni	8.0	2sw	2sw	1sw	mod.	
19	8ni	4cu	3cu	5.0	1sw	1sw	0	,,	
20	6cu	3cu	4cu	4.3	1sw	2s	1sw	slight	
21	8cu-ni	4cu	9cu	7.0	2sw	2sw	1sw	slight	
22	3cu	2cu	0	1.7	3sw	1nw	1nw	,,	
23	1ci	3cu	8cu	4.0	2nw	2w	1w	,,	
24	10cu-ni	5cu	3cu	6.0	1se	2w	0	light	Tr. p.m.
25	0	0	7cu	2.3	2sw	2sw	1sw	,,	Tr. p.m.
26	0	3cu	0	1.0	2sw	2sw	0	light	
27	2ci-cu	1ci	1cu	1.3	1sw	1sw	1sw	,,	
28	5ci	0	0	1.7	1nw	0	0	,,	D. a.m.
29	10cu	6cu	10ni	8.7	3sw	4sw	2sw	mod.	
30	10ni	10cu	6cu	8.7	1sw	2sw	1sw	slight	
31	10ni	2cu	9cu	7.0	2sw	1sw	2sw	,,	
				4.88					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	3	2	2	20	0	2	2	31
14:30	0	1	0	1	1	20	6	1	1	31
20:30	0	0	0	0	1	16	5	1	8	31
Totals	0	1	3	3	4	56	11	4	11	93

Number of days with rain 18, fog 1, thunderstorms 0, gale 0.

62 yr av. days with rain during month 10.5 days